

ABSTRACT OF THE DISCLOSURE

The heaters in the respective thin-film magnetic head in the bar are electrically connected to its neighbors, and a variable resistor is connected to each of the heaters in parallel. The resistance of each of the variable resistors is varied depending on the amount that the medium-opposing surface (ABS) of the thin-film magnetic head is to project. Also, the medium-opposing surface of the thin-film magnetic head in the magnetic head bar is polished while energizing all the heaters by the same power supply.